Environmental Pollution **58** (1989) 347–349

CONTENTS OF VOLUME 58

Number 1

Differences in Ability of NO_2 Absorption in Various Broad-leaved Tree Species 1
K. OKANO, T. MACHIDA & T. TOTSUKA (Japan)

Wastewater Nutrient Removal by *Chlorella pyrenoidosa* and *Scenedesmus* sp. . 19
N. F. Y. TAM & Y. S. WONG (Hong Kong)

Toxicity to Medaka of Solutions of Fenitrothion Degraded by Strong Alkali . 35
YUKIO HIRAOKA, JUNKO TANAKA & HISANORI OKUDA (Japan)

Temporal and Spatial Variation of RNA Content in Nymphs of the Mayfly, *Stenonema femoratum* (Say) 43
MICHAEL J. McKEE & CHARLES O. KNOWLES (USA)

An Analysis of Nitrification during the Aerobic Digestion of Secondary Sludges 57
D. S. BHARGAVA & M. T. DATAR (India)

Distribution of Trace Element Pollutants in a Contaminated Grassland Ecosystem Established on Metalliferous Fluorspar Tailings. 1: Lead 73
S. M. ANDREWS, M. S. JOHNSON & J. A. COOKE (UK)

Numbers 2 & 3

An Investigation into the Acid Content of Aerosols in the Ambient Air at the Taj Mahal, Agra. 87
S. D. JOSHI, G. H. PANDYA, K. M. PHADKE, D. S. TAJNE, A. K. JAIN, C. P. GAJRANI & P. K. YENNAWAR (India)

An Automated System for Air Sampling with Annular Denuder Systems at a Remote Site 97
D. O. KROVETZ, J. T. SIGMON, M. A. REITER & L. H. LESSARD (USA)

Primary Biodegradation of Linear Alkyltoluene and Alkylbenzene Sulfonates . 109
MANJEET SINGH & SHEO SATISH (India)

Measurements of Gaseous Hydrogen Peroxide in Southern England During a Photochemical Episode 115
G. J. DOLLARD, F. J. SANDALLS & R. G. DERWENT (UK)

The Performance of Three Cultivars of Rice Grown Near to, and Distant from, a Fertiliser Plant 125
M. ANBAZHAGAN, R. KRISHNAMURTHY & K. A. BHAGWAT (India)

Environ. Pollut. **(58)** (1989)—© 1989 Elsevier Science Publishers Ltd, England. Printed in Great Britain

Physico-chemical Interactions and Bioconcentration of Zinc and Lead in the Industrially Polluted Husainsagar Lake, Hyderabad, India 139
A. K. PRAHALAD & G. SEENAYYA (India)

Element Content in Tissues of Four Rodent Species Sampled in the Geysers Geothermal Steamfield 155
E. A. FENDICK, G. L. STEVENS, R. J. BROWN & W. P. JORDAN (USA)

Rural Concentrations of Nitrogen Dioxide Pollution throughout Wales . . 179
T. W. ASHENDEN & S. A. BELL (UK)

Caesium-137 in Perch in Swedish Lakes after Chernobyl—Present Situation, Relationships and Trends 195
LARS HÅKANSON, TORD ANDERSSON & ÅKE NILSSON (Sweden)

Sorption of Ozone by 'New Yorker' Tomato Leaves 213
S. GRAHAM & D. P. ORMROD (Canada)

A Multiple Testing Approach for Hazard Evaluation of Complex Mixtures in the Aquatic Environment: The Use of Diesel Oil as a Model 221
B. THOMAS JOHNSON (USA) & VITALY I. ROMANENKO (USSR)

The Effects of Selected NO_x Reduction Scenarios on Long-Term Nitrogen Deposition and Episodic Ozone Levels in Europe 237
BARBARA LÜBKERT (France), RICHARD DERWENT (UK), JOSEPH ALCAMO & JERZY BARTNICKI (Austria)

Book Reviews 255

Announcements 259

Number 4

Nitrate Reductase Activity of Needles of Norway Spruce Fumigated with Different Mixtures of Ozone, Sulfur Dioxide, and Nitrogen Dioxide 261
A. KLUMPP, K. KÜPPERS & R. GUDERIAN (FRG)

Effect of Some Pesticides on in-vitro Lipid and Protein synthesis by the Liver of the Freshwater Teleost, *Channa punctatus* (Bl.) 273
P. K. SAXENA, V. P. SINGH, J. K. KONDAL & G. L. SONI (India)

Effects of SO_2, NO_2, and O_3 on Population Development and Morphological and Physiological Parameters of Native Herb Layer Species in a Beech Forest . . 281
L. STEUBING, A. FANGMEIER, R. BOTH & M. FRANKENFELD (FRG)

Atomic Absorption Spectrometric Determination of Inorganic and Organic Arsenic in Some Marine Benthic Algae of the Southern Atlantic Coasts . . 303
J. O. MUSE, M. B. TUDINO, L. d'HUICQUE, O. E. TROCCOLI & C. N. CARDUCCI (Argentina)

Carbaryl—A Selective Genotoxicant 313
I. S. GROVER, S. S. LADHAR & S. K. RANDHAWA (India)

Regional Variation in Surface Properties of Norway Spruce and Scots Pine Needles in Relation to Forest Decline 325
J. N. CAPE, I. S. PATERSON & J. WOLFENDEN (UK)

Book Reviews 343